

1902-
1903

518

Life Insurance

#3000.00. Mass. Mutual
Premium due Feb. & Aug.

#2000.00. U.Y. Life

Premium of \$69.40

due June 30 of each year.
Policies 877160-1.

101 1/2 ...

Colonial Hotel

Jones & Calif.

Feb 21, 1903

Misses

Nests & eggs

Plants

Cph.

450 Ellis St.

Bureau

Last Bird 12730
Last Mammal 5597.

Division of Birds
Books 4800 gross.

Allocated

2 horses.

Smith of A.

Snelling Notes

Books shipped from
74. Yellowstone in
December, 1902

4800 lbs. gross wt.

Delivered to

30.000000

... 19 ...

Write Mother June 23. 1866

Dr. Rafferty.

Haight St.
Phila. Pa.



✓ Dec. 7, 1902.

Mr. Holt thinks there are
30 to 75 sheep wintering
on the N. side of the Park.

✓ Wolverine

Along the South boundary,
are some. Several have
been seen on Snake River.

Bill, Hofmann saw six
together (in Hayden Valley, ?)

Beaver

On all streams bordering
the willows. They are
increasing rapidly. They
number thousands. At
Virginia Meadows the dam broke
and had no human furnished
brush for its repair which
the Beavers used over night
in Nov., 1902.

At Soda Butte, Holt saw
one turn a tree-trunk at right
angles & had it in an open space.

stream & the pole brush
round. They are tame & it
easy to observe on moonlight
nights.

Skills sell for \$4.00
per pound, and average 2 lbs.
to the skin.

Wyoming & Montana
State laws prohibit Beaver
trapping on more States
Oel Bank Beaver on the
Gardiner R.

Houses are on Beaver Lake,
not far from Soda Butte,
Sweet Lake between Bismarck
Basin & Gardiner Rivers,
head of Cascade Creek, head
of Little Lost Lake R.

At the Beaver Lake on head
of Cascade Creek, the
beaver go right out of
the house whenever you go
around there, and splash in
the water.

Wood willows & cotton-
wood *Populus angustifolia* &
P. balsamifera. Holt says
that if they are cut for dam,
rather than for food.

Pine Marten

Holt saw a Pine Marten
track in Snow Pass in Dec.,
1902. Trappers at Jackson Hole
get about \$2 1/2 for the skin.

Osprey

Holt saw Osprey on the
Gardiner & around the Bismarck
Basin, in Nov. & Dec., 1902.
Holt speaking at this season.

After 10.

Trickle numerous all over
the Park, - Canyon, Hayden
Valley, & along the S. boundary.

Musteat

Holt saw the Nez
Percey Creek, Weehole R.
Yellowstone by the Soda Cr.
Madison, Snake River,
Gibbo River (head of Madison).
At Norris they are often seen
floating down the Gibbo R.

Holt does not
remember seeing any houses
in the Park. There is most on
Bank Musteat. Color light.

Otter.

In Faco River, Bechler, &
Yellowstone & some of its
tributaries, and in "Otter"
Creek. The birds long
slide down high snowbanks.
On Bechler Creek, a rose
up to the water to look at Holt,
swam to edge of shore ice &
raised up and looked intently at
him. When in the water uttered
a noise for blowing sound.

Dec. 13, 1902.

During the Gardiner and
returning we saw
Many Townsend's solitaires,
Thousands of Empidonax griseus
(This young Smith said one
flew in the dry lands of a
winter pine wood when they
were at church.

Circus, - Several along the
Gardiner River.

Antelope. Small herd
(50 horses & cows occupied
their range.)

Blue-tail Deer - Many
White-tails. - Few prong
& elk.

Happies - a pair bathing;
in Gardiner R. at 2-m. bridge
Nucifraga columbiana, -
Oreoscoptes Brown abundant.
Lepus campestris, - Settling
doubled up under cedars.
Lepus barleji, - On
thicket beside the Gardiner
Rk. - Cynomys always in
herds on the hills. At
least 5000 between Ut.
Exports and Furber River.

Dec. 16, 1902

At Mt. S. Charles about
Wagradictis

On Gardiner River
near Wells - Grass
Solitaires, W. W. W. 2.

From Gardiner to
Criminal place of
Shore Lake.

In Gardiner River.

Lepus campestris + L. barleji

Odocoileus hemionus

" hemionus

Capra, Uta, Snake, Turtle
at Criminal and Wells

4 horns of Odocoileus hemionus
and 2 of Uta.

Mr. Huber gave Brown
beaver skulls. These horns
& skulls were taken to W. S. Snelting
in

Dec. 17, 1902.

In Montana
near Yellowstone in some places
Brown Goats and one
Sharp-shin in Ut.
Wagradictis of Ut. Wagradictis
and Capra Wagradictis Wagradictis
E. of Yellowstone in Ut. Wagradictis
At Yellowstone Wagradictis, the
first Passer domesticus large
flock seen.

In Montana / large herd
(Buteo calurus?) Wagradictis

- 1 *Semina carolinensis hypophora*
- 2 *Semina hudsonica melleoide*
- 3 *Tamias striatus griseus*
- 4 *Lepus floridanus meamusi*
- 5 *Peromyscus longicaudus spaldix*
- 6 *Peromyscus sicognanii*
- 7 *Lutreola vison*
- 8 *Serpicopterus volans*
- 9 *Mephitis hudsonica*
- 10 *Lutra canadensis*
- 11 *Vulpes fulvus*
- 12 *Fiber zibethicus*
- 13 *Microtus pennsylvanicus*
- 14 *Microtus aeneus*
- 15 *Peromyscus gapperi*
- 16 *Peromyscus leucopus melleoide*
- 17 *Peromyscus michiganensis*
- 18 *Mus musculus*
- 19 *Mus norvegicus*
- 20 *Zapus hudsonicus*
- 21 *Sciurus a.*
- 22 *Sorex personatus*
- 23 *Sorex borealis*

10 Feb. Owl

1 Ton Store coal

4100. furnace coal

1/2 cord wood.

4th. Snelling, Dec. 19th

Blue Jays + Eng. Sparrows

4th. Snelling, Dec. 20.

Blue jays.

Brown Creeper

Engl. Sparrows.

7th. Snelling, Dec. 21

Blue Jay 2, White-bellied Nuthatch.

English Sparrow.

4th. Snelling, Dec. 22.

Blue Jay

Pluffed grouse (8).

Chickadee

Redpoll?

White-bellied Nuthatch -

1 Zapus meamusi

Hort Snelling, Minn. Dec. 23.

Blue Jay
English Sparrow

Hort Snelling, Minn. Dec. 24.

Blue Jay
Chickadee
English Sparrow

Ht. Snelling, Minn. Dec. 25, 1902.

^{Microtus}
~~Nyctala~~ ^{Microtus} ~~agrippa~~, - One shot.
Dryobates pubescens Two
Parus atricapillus. Several.
Cyanocitta cristata. "
Bonasa umbellus. - Tracks.
Passer domesticus

Tracks of Lepus, Putorius, etc.

No tracks of Sciurus.

Ht. Snelling, Minn. Dec. 26.

Parus
Sitta
Cyanocitta
Bonasa umbellus
Passer.
Certhia
Dryobates pubescens

24 Blarina brevicauda

25 Canis latrans

26 Spermophilus tereticaudus

27 Spermophilus franklini

28 Arctomys rufonax.

29 Spizella socialis.

30 Sciurus borealis

31 " ancinus

32 Desmognathus ochotensis

33 Homo sapiens americanus

34. Big Brown Bat.

35. Procyon lotor

Captain W. D. Rooth, Revenue
Cutter Service, retired Dec. 10, 1902.

36. Geomys bursarius

Ht. Snelling, Dec. 27.

Passer
Parus
Cyanocitta

Ht. Snelling, Minn. Dec. 28

Bonasa
Sitta
Passer and Cyanocitta

Birds of Snelling (from memory)

Ruffed Grouse
Partridge "
Sharp-tailed "
Bob-White
Zenaidura macroura.
Agelaius vociferus
 semipalmata
Bartramia longipennis
Colinus macularia
Totanus solitarius
Totanus flavipes
Limosa haemastria

Ht. Snelling, Minn. Dec 29.

Passer.
Cyanocitta
Parus

Ht. Snelling, Minn. Dec 30.

Passer
Cyanocitta
Parus
Bonasa

Revised catalogue of the
Mammals of Fort Snelling,
and vicinity, Minnesota.

1. *Adocoleus americanus*
occasional straggler.
2. *Sciurus carolinensis* hypo-
= *phæus* Merriam.
3. *Sciurus hudsonicus* minn-
= *usota* G.A. Allen.
4. *Tamias striatus* griseus Merriam
5. *Spermophilus franklinii* (Sabine)
6. *Spermophilus tridecemlineatus*
Mitchell.
7. *Arctomys monax* (Linn.)
8. *Sciuropterus volans* (Linn.)
9. *Mus musculus* Linn.
10. *Mus norvegicus* ~~Linn.~~
Ergleban.

11. Peromyscus leucopus mimasota
Meams
12. Pichiganensis michiganensis
(Gustafson and Buchanan).
13. Crotomys gapperi (Vigors).
14. Microtus pennsylvanicus Ord.
15. Microtus minor (Merriam)
16. Fiber zibethicus (Linn).
17. Geomys bursarius (Shaw).
18. Zapus hudsonius (Zimmermann).
19. Zapus americanus phaeomotus
Allen.
20. Zapus floridanus meamsi Allen.
21. Vulpes regalis Merriam?
22. Canis latrans Say.

23. Lutra canadensis (Schreber).
24. Mephitis hudsonica (Richardson).
25. Lutreola nixon
26. Mustela furo
Ferret.
27. Putoriuscipogranii (Bonap.).
28. Putorius longicauda spadix
Bangs.
29. Procyon lotor (Linnaeus).
30. Ursus americanus (Pall.)
occasional straggler
31. Sorex personatus C. Daffney.
32. Sorex richardsoni Buchanan.
33. Blerina longicauda (Say).
34. Scalops aquaticus macrurus
(Rafinesque).

35. Myotis incisus (Leconte).

36.

37. Eptesicus fuscus (Beauvois).

38. Lasurus borealis (Müller).

39. Lasurus cinereus (Beauvois).

40. Homo sapiens americanus Lin.

~~Doubtful:~~ Added:

41. Taxidea americana

42. Lynx ruffus (Guldenstaedt).

43. Canis griseus (Sabine).

December 31, 1902. H. T. Snelling.
(Louis + I started Pike Id.)

Sciurus hudsonicus ummasotae Allen

One seen near old Hospital.

Lepus floridanus meansei. - Very
abundant on Pike Id.

Cyanocitta. - Several.

Passer. - Abundant.

Spizella monticola. - About
15 seen; two shot.

Certhia familiaris americana. -
One on Pike Island.

Sitta carolinensis. - Two in P. Id.

Parus atricapillus. - Flock "

Jan. 1, 1903. H. T. Snelling.
Cyanocitta

Passer

Parus

Jan. 23, 1903. H. T. Snelling.

Many Chickadees, several Sitta
carolinensis + Certhia americana.

Flock of Tree Sparrows; flock of Acrocephalus
linaria, one hairy + 2 Downy Woodpeckers
Several Bluejays. English Sparrows.

Jan. 24, 1903. Found some
a Red Squirrel out at Minnehaha.

March 7, 1903

The Miss. River channel
is opening up. A flock
of Golden-eye Ducks
appeared; also of Sheldrakes

March 8, 1903.

One Robin appeared
The first this spring
Tree Sparrows
are singing.

March 10, 1903.

One Bluebird; singing.

March 11, 1903

Three Golden-eye
Ducks
Flocks of Mergansers.

Pads for carding names
✓ Sit for photo.
Book-bird.

Mileage

Ribbon for typewriter

Gang of 3

June 1903

Points between St. Paul
& Dakota border.

Mareca migratoria

Meleagris gallopavo

Colinus virginianus

Seturus sparrows

Sturnella neglecta

Agelaius phoeniceus for the

Dendroica aestiva

Geothlypis trichas - "Parkman"

Geothlypis americana

Carpodacus cristatus

Otocoris alpestris - *peucedana*

Gamelodia ludoviciana

Geothlypis trichas - *brachyactis*

Melanerpes formicivorus - *phoebe*

- Agelaius phoeniceus*
Salicocampe subterminalis
Zenaidura macroura - desert quail
Merula migratoria
Polioptila caerulea
Symphoricarpos
Pipilo erythrophthalmus
Burtonia longicauda
Hirundo erythrogastra
Coccyzus erythrophthalmus
Colinus virginianus

meadowlarks Kingbirds & Barn
Swallows very abundant West
of Wheatland -

Stem comp. 2 1600.

2. *Chorizanthe* - at B. L. L. L. L.
 3. *Chorizanthe* - " " " "

Xanthocephalus xanthocephalus
Thymophilus richardsoni
Amphispiza bilinearis
Protonotaria 2.8
Myotis 2.8

most east of the ...
Minnesota; I saw two ...
...
either *Dalichomyia* or *Calamospiza*.
D. salina - *glauca*.

June 12, 1903

Awoke in the morning around the Bad Lands near the Montana border. Soon we came out on the Yellow Stone River.

Zenaidura macroura.

Cathartes aura abundant
Aluco *... ..*

Sayornis *...*
Parus ludovicianus
Chondestes *...*

Campylorhynchus *...*
Merula migratoria
Myiobuteo, *Sturnella*, *Blackbird*
Sparrow *...*, *Blackbird*.

Sage Hen, *Jackrabbits*
Doves *...*, *and*
Red-headed Woodpeckers

The last numerous in cotton-wood
= woods *...* City-mountain.

Mont. June 12, 1903

Procyon *...*
Lepus *...* *...* *...* *...*
... *...* *...* *...* *...*
... *...* *...* *...* *...*

At Billings City saw a
Kingbird & Sparrowhawk.

Went along the Yellowstone
east of Forsyth, *Quercus* *...*

... *...* *...* *...* *...*
Sceloporus *...* *Cyanocyclura* *...*

... *...* *...* *...* *...*
at Forsyth, Montana.

... *...* *...* *...* *...*
... *...* *...* *...* *...*

... *...* *...* *...* *...*
... *...* *...* *...* *...*

Crossed to a village 10 miles
W. of Forsyth.

... *...* *...* *...* *...*
... *...* *...* *...* *...*

Red-headed Blackbird

illings?

in village

In the fields
Potsdam
Galena
marshes plenty
Yellow-bellied
Pied-billed Grebe
Pied-billed Grebe
Pied-billed Grebe

W. of Buyle & Cross
W. of Buyle & Cross

Black Yellow-heads
Redwing. Raven

Many cat. long narrow
Colony of Trochilodon
feeding on a cliff

Populus
P. sp.

Two more
Pine clod hills

W. 250
Lusca

24 June 1887
King

King
L. 130
L. 130

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Crossed divide in turn

Low
Barn Swallow

4:20

Magpie

Redwing W. Thrasher
Brewer's Sparrow etc.

2 Linnaea's Hybrid

Woodpecker

W. Meadowlark

Chiff-chaff

with pine

Woodpecker

Woodpecker

Woodpecker

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Woodpecker

Woodpecker

Castroville
meadow & marsh
Brewer Blackbirds
Sagebrush again
Crows in Rainy
Chimney. 2. 2. 2.
Types of Douglas Spruce &
Yellow Pine (small)
California Phoebe
Pika
7:05 Aeronautes
Pomarine
Lapland
Yellow
Wedge-tailed
Brewer Blackbirds
Musquash House
Crow, Pair - of 2 or 3
flying 8:30 P.M. with two

June 13, 1903.
Awoke at 4:15 a.m. Getting
light. Beginning of a light
faded under heavy
clouds, not cold
In early
Brewer
of 2 or 3
Sighted for 18:30
in a mountain
W. Robin abundant
Song Sparrow "
Yellow-throat "
W. House Wren "
Winter Wren. - One family in
a mountain. Young one shot
Colaptes cafer. - Several
Steller Jay. - One near Hope.
Cercus. - Common.
W. Wren. - Two broods of
young with parents.
Acute macularia. - Abundant
on the lake shore.

Osprey. - One.

^{Sciurus harrisi}
Sciurus n. notabilis. - Several.

Spizella socialis. - Nest & eggs.

Very common at all altitudes.

Peucaea? ^{Spizella} Sparrow-chestnut Crow

Capito maculatus. _____?

Very abundant. 2 ♀♀ shot.

Ampelis cedrorum. - Abundant.

Helminthophila rubrocapilla. Singing

everywhere on hillsides. One shot.

Bonasa. - Several hens with young

about a week old.

Ceryle alcyon. - Common; nest,

in bank of small stream.

Empidonax. Abundant.

One shot. In Douglas Spruce.

Regulus satrapa. - In families

One ♀ shot.

Parus gambeli. -

Sitta sp.? Heard.

Tachycineta bicolor. Several

Stelgidopteryx serripennis. "

One shot.

Hylocichla ustulata. - Abun-

=dant; singing; two shot & their

2 eggs taken from nest

resembling Red Squirrels. It

was in Douglas Spruce sapling

10 ft above ground in dense

woods.

Certhia americana montana

No woodpeckers except a

few Flickers.

Many signs of Pileated

working on dead timber.

Vireo olivaceus. - Abun-

=dant. One shot.

Lanius cinereus

One sign of arrival. Shot

at Hope, Idaho.

Incense Cedar

Hemlock

Douglas Spruce.

Pinus ponderosa 3-4

Abies

Picea

Tamarack

Maple

Cherry

Alder.

Birch

Balsam

Aspen

Mtn. Ash

April 14.

14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31.

very sunny

very cold

Pyrola *tricolor*

Pyrola *rosacea*

Pyrola *mexicana* - common

Pyrola *auriculata*

Pyrola *montana* on Chumley

Pyrola *donnell-smithii* (H. & H.)

Pyrola *montana*

Pyrola *v. haysii*

Pyrola *montana*

Pyrola *montana*

Pyrola *montana*

Pyrola *montana*

Pyrola *montana*

Pyrola *montana*

3 - *Pyrola* *ponderosa*

Saxifraga

Gaultheria *cedronum*

Piranga *ludovicianae*

Mar 15, 1900.

74 In spoke at 6; 30 near morning
at 10; 30 distant station.
800 - 1000 ft. Snow Creek.

[illegible]

Wheat - 600 bushels

U. J. Maxima at 7:05 am.

White-throated Sparrow
 House Finch
 Pair of Song Sparrows
 Robin
 Towhee
 7 Red-wings chasing Crow
 10:00 in the canyon
 March 21, 1904 8:10 A.M.

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1. *Chlorophyll* abundant
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20. 14. 1940

Company of 12/1/1842.

Populus balsamifera

Alm. 11/1/19

1. *Phragmites australis*
 2. *Scirpus americanus*

2000

George Lewis Dr. Spencer.
Baltimore - Medicine - 1860.

12:30 pm

10.50
11.00

Small. 10000
10000

11/10/19

Einige Stunden in Kalina
 19. 10. 1915. 11. 10. 1915.
 19. 10. 1915. 11. 10. 1915.
 19. 10. 1915. 11. 10. 1915.

412 road eagle
1/3 rd 3-2 ✓ 2,2

June 17, 1913. Portland.
English Sparrow
Plenty of Petrochelidon
very high hawk
- Kingfisher
Visited Vancouver Barracks
where I saw

Call number

B. muscivora *muscaria*

Regulus satrapa

Beltrichiana lucidus

Chondroica rubra

1890

— 187 —

Stenodermus

1. *Chrysomelidae*

Chrysomelidae - callos

June 19, 1912

Hydrogen, 1000

Eclanina *Thalassia* *Sten.*

Robin

Handwritten: *Handwritten text, possibly "Handwritten" or "Handwritten" repeated.*

(1890-1900) common.
 L. ... Ag. ...
 ...
 ... Strawberry
 ...
 ...
 ...

June 17th
June 18th

[illegible]

June 18.

Visited Mt. Taylor, Saw:
by Shannon

Robin

Western Tanager
Vesper Sparrow

Western Gull

same as at Ft. Snelling

Violet-green Swallow

by Shannon

Yellow Warbler

more or less - orchard & fields

Red-bellied Woodpecker

Junco, etc.

Quail

Spizella socialis

leucotis

White-throated

Gambusia

Poplar

Barro

no

in spring & late summer
last year & some of the trees

almost as numerous as in
Carmotitta

Golden Eagle

Red-tailed Hawk

Golden Plover

in the top of the mountain

Some were killed by the boys

in the spring

in the spring

in the spring

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in the spring

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in the spring

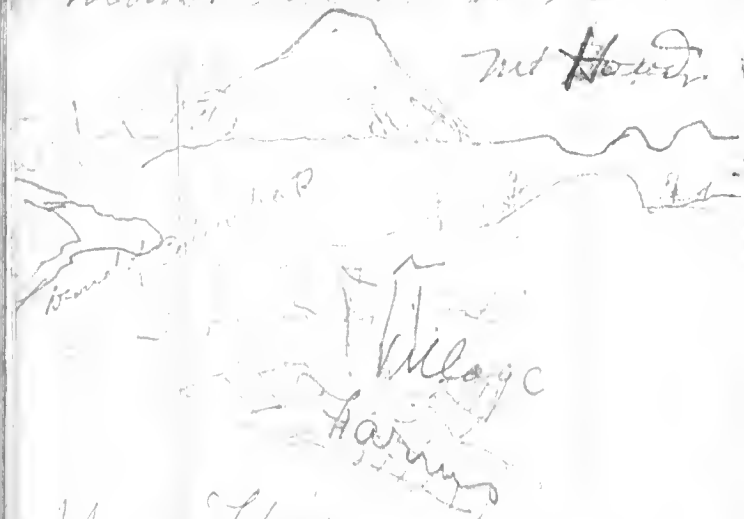
in the spring

in the spring

in the spring

Mount Baker to the left:

mt ~~Howe~~



Young Flicker

Black-bellied Plover Singing

Blue-winged Teal

Parus. Also Kestrel with 3 in nest
Zonotrichia. - 1 in nest at

with 2 eggs. Black Sparrow from egg

Vireo solitarius (or sp.) 11, black

grayish, white wing-bands &

eyering. greenish above, whitish

below. Building nest on corner

limb of Pseudotsuga 10 ft up.

W. Wood 3000 ft. - 4000 ft.
Zonotrichia leucophrys. - 4000 ft.
Hedysar, Hesperis, - 4000 ft.
and Potamogeton Forest
Spore, June 18, 1953, 4150 ft.
Eutamias

Same country. 12 miles
west of Benthin 6 m.
west of 481 ft.
Agrostis virginiana
L.

At Wenatchee, Okanogan

Spide creek 8 miles

Reedville alt 256 ft.

W. H. Hazel 218 ft.

2 miles S. of 115

W. H. Hazel 218 ft.

W. H. Hazel 218 ft.

W. H. Hazel 218 ft.

W. H. Hazel 218 ft.

W. H. Hazel 218 ft.

W. H. Hazel 218 ft.

W. H. Hazel 218 ft.

At Forest Grove June 18.

Y. & W. V. b. g.

Intimations notes

Conclusions

Conclusions

as they are in the same

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June 19.

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Birds seen at Forest Grove
Sialia mexicana

With families of young, perching on wires, roofs, fences, & a flag, etc.
Merula migratoria propinqua
Abundant except in deep woods.
Young are flying, and utter a low chirping note similar to the Brown Creeper.

Thryomanes bewickii

Several families. In fields as well as the deepest woods.

Troglodytes aedon

Common in brush piles & c. c. about houses. on top of Elm.

Parus septentrionalis

In family parties everywhere.

Certhia americana

In spruce & fir forests

Regulus satrapa

In spruce & fir forests; usually alone in the tree-tops.

Sitta carolinensis nivalis

Common on edge of woods.

Dendroica aestiva

Common in thickets & yards about houses & orchards.

Geothlypis trichas

In wet thickets with Song Sparrows

Aphorornis tolmiei - Abundant

Edge of wood, young just from nest. Note a hard chip, similar to White-throat.

Vireo gilvus

Ampelis cedrorum

Feeding on cherries. Called cherry bird. I was told it does not occur in large flock - few together.

Geothlypis hyemalis - In

heavy timber on the hills.

Petrochelidon lunifrons

Abundant.

Tachycineta leucophaea

Abundant. Nest about
houses

Myiozetetes similis

Abundant. Feeds in edge
of woods.

Agelaius phoeniceus

Common.

Scolecophagus cyanocephalus

In flocks. One old male
followed a quarter mile along
a road, scolding all the time.

Stimella neglecta - Abundant

Corvus

Crows are abundant

Cathartus aura - Common

Buteo borealis calurus

Zenaidura macroura

Common

Bonasa umbellus

Common

Tringa - Common

Seen on a mountain top. They
are fond of dusting in mud or of earth.

Clusia Phoebe -

~~Little~~ Little. Numerous.

They have very small young
or are still sitting. Old
males fight through the
forest in grand style. They
roost in Douglas spruce and
boom loudly. Birchen in field.

Coccyzus erythrophthalmus

Not very common, but seen

No other Woodpecker noted

Contopus tristis

Very common.

Caprimulgus vociferans

Common. Sometimes singing.

Pipilo

Very numerous.

Parus carolinensis

Abundant

Zonotrichia querula

Abundant. Singing.

Spizella socialis

Very common.

Paspalum domesticus

Quinto Regimen

Very common. Nest 4
eggs June 21 in corner
of shelter of L. m.

Glomelidia micromorphata

§ not seen + heard.

Arctostaphylos

Very abundant in damp places.

Not seen in the forest.

Chordilus bignianus

Abundant.

Leptospira anthoni

Abundant. Water-squirting

Passer domesticus

102111101.

Stecoris alpestris rubrus

Common along roads.

Camptodora Traillii

2 very common Sphaeria
in edge of woods along stream
C. in pubescent. difficult

Common in spruce forests

Long, straight, slender, green
 stem. Small, round,

Bufo

all young are captured. It
 must have fallen from nest
 Boy killed the standard Crested
 Hummingbirds. - See vol. 1. No. 1.
 2. Contopus borealis. - Several
 on Mountaintop.

Pranga ludoviciana

Common. Sigsbee's spec. top
Con. topus reticulatus
Common. Note shorter &
harsher than that of *viridis*.

harsher than that of our
country.

Handwritten text: *Handwritten text, possibly a signature or name, partially obscured by a vertical line.*

Received of the Secretary of the U.S. Army
the sum of \$100.00 for the year 1900

Stenogramm - 1911

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was shot male bird

Mammals. — Raccoons,
Squirrels, Wildcats, &
Chatters, Deer, Bear,
and Wolves said to occur.

Mrs. Noon has a
Weasel skin which she gave me.
Cottontails said to be
abundant.

Spermophilus
Lives in stumpy fields &
fallen timber areas.
Utters a loud call-note.
Burrows beneath trees &
stumps. Said to be very
injuriously.

Thomomys fennor. —
Colored Silvery-gray Squirrel
Protected by law.
Not a true squirrel. Lives
around old buildings
& houses, preferring
oak woods.

Tamias canis douglasii
Very abundant in Douglas
Spruce woods.

When closely approached
it scampers away along
some old log, uttering a
series of hollow notes
resembling those of a
Goatsuck. Its notes
in general differ
greatly from those of the
eastern Chonarex.

Eutamias

In brushy places, fences,
trees, & especially abundant
in the highest mountains.

Sorex fennor.
Colaptes auratus
& Thryothorus occur
in abundance.

Peromyscus
Trapped at foot of Douglas
Spruce tree.

? *Spizella socialis*
Spizella socialis lepida
Spinus pinus - family of
young with parents
Passer domesticus

April 24, 1903 at 8:30 a.m.

Petrochelidon near Portland

Passer domesticus

2 *Corvus americanus*

Colaptes auratus

Junco oreganus

Ammodramus *virgatus* fl.

Robin (June 9:25 a.m.) Oregon City

Near station of *Leahy*

2 young of *Thraupis* or female *Thraupis*

Thence sitting on a log. It
was not a *Bonasa*.

Robin at Aurora 2 m. Portland

search (over 3 p.m.)

Trees

W. ...

Populus balsamifera

Quercus

Prunella

over large leaf

over small

Malva (planted)

Alnus

Trichostema lepida

Heliosiphia viridis

Parosela graminea

Fraxinus

Pinus

Corylus fl.

Corylus

Aspidodermis

Shrub brilliant red flower

Syringia n. fl.

Veratrum fl.

Actaea (white fl. bark)

Phlox *guttata*

Artemisia (yellow)

Rubus (running)
Tuberosa. (great)
Thistles.

Rapum. Tall
Yarrow

(Common) - 1 ft. yell.

W. yellow yell.

15 ft.

Rosa 20 ft.

at Mount St. Helens

Geranium 2 ft. yell. 1 ft.

Prunella fl. large.

burdock. W. yellow d.

Sperula, 20 ft white

d. 5 ft rose.

locust, planted.

Plantago (narrow lf. introduced).

Or - up Daisy

[Oregon City, 9:25 am.]

Urtica tall slender

Beautiful hills of Willamette

Mode (Tall copious fls.)

Syringia do

Alnus. Fraxinus, Betula

Salix - - - - - Libocedrus

Pseudotsuga. Populus balsam

Cornus. Rhododend. 40 ft

Syringia, Acer l. f. - small

Solferino bells, Sambucus.

Mullein (yell) Delphinium blue.

Epilobium angustifolium

[Grass: Phacelia & Ranunculus]

close to Canby not seen

Betula, dark bark. (rusty leaves)

Cattail. Smaragdina (yellow)

Veratrum. Horsetail

W. yellow d.

Solferino bells

W. yellow d.

W. yellow d.

W. yellow d.

W. yellow d.

W. yellow d.

W. yellow d.

W. yellow d.

W. yellow d.

W. yellow d.

June 24, 1903. 6:30 am.

at domestic use at 100 ft

1st. *Myiophobus* *Myiophobus*

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at Saginaw
Hills
Saginaw
Killed
492 ft.

immense
Wetland with
white
beside Wapquea Riv
Bogus
Shrub
Kosolung 488 ft.

Madagascaria
hills and mountains of
this region are rounded
and not rocky.

Beyond Wapquea Creek

Pines, white and black oaks
black, red, and brown oaks

Hills near Oakes, 28/11

High hills wooded
Black 735 feet
Maple & Soreg

White & Black oaks
Large-leaf Maple

Red Alder, Willow

Kippen (St. Johnswort)

New growth on young
trees

1st Agave

Pines mixed with

Syring

First muskrat

First muskrat

First muskrat

First muskrat

First muskrat

G. maculosa

Thimbleberry, W. pl.

Wreck near bridge across

"Low Bank" or Agavecaterine

Oregon. Low and plants, but

too distant to identify many.

Two were calling

her-die, her-die, her-die

in stentorian tones.

Caught & saved one.

June 25, 1903.

Fog did not clear

until 6:30 A. M. when

weather was clear and sunny.

Killed

Ash, Willow, Larch - Cast. Maple

Alder, Small leaf Maple

Mercurialis perfoliata

Agrostis 1-3 m. tall, 1/2 in. thick

Lithospermum, *P. serotinum*

Rhododendron Thimbleberry

Leucosiphon 1/2 in. diam.

Epigaea repens

Reuter - 1376 ft. (259-513)

Rhododendron 40 ft.

Quail, Robin, etc. 1/2 in. tall

Yak, breakfast of 1/2 in. tall

altitude 40 ft.

11 horses left. A fine hotel

one - "Hotel" House,

Surrounded by rather low

mountains.

It could be a fine collecting spot

2/2 in. tall

1/2 in. tall

1/2 in. tall

1/2 in. tall

1/2 in. tall

1/2 in. tall

1/2 in. tall

1/2 in. tall

1/2 in. tall

1/2 in. tall

1/2 in. tall

1/2 in. tall

1/2 in. tall

...
 ... + White in plants
 Pines
 Soil red
 Wolf Creek 1318 ft
 ...

...
 ... 1219 ft
 ... (red)
 ... red.
 ...
 ... large
 ... long
 ... rose and tall white
 ... on oaks
 ...
 ... (18) in
 Vitis first seen at Huerfano
 ...
 ... of ...
 ... 986 ft (18-288)

Band ... about 100 ft.
 Rose-white ...
 ...
 Pines with great long cones.
 ...
 ... 963 ft (297-475)
 ... making good collecting
 station. ...

... Co. Original
 ... industry
 ... Hawk
 ...
 ... 1006 ft (466-515)
 ...
 ... + White
 ...
 ... 4, etc. about
 ...
 ...
 White Oaks

Snow-capped Mt. Shasta
Manzanita 5-10 ft. abundant
In fields again
Dove very abundant
In fields

Point of View. 1290
In broad valley, stream,
fields, orchards, roads.
Dotted Mts. few miles away.
Good collecting station
Meadowlarks

Dove

Air balm

Broad, level valley

Abundant Mistletoe on Oaks

High road.

Cornus balsamifera

Stone

A broad fertile valley

Mountains bare in spots

? House Finch

Blackberry - always?
Saxifraga, light gray large
Hamburgh bl. flowers
In fields, etc.
Wind 1890 ft (431 - 344 mi)
common birds

Black oak - hills covered

Abundant Mistletoe on oaks

Tall oak land

White oak

Stinging

Abundant Mistletoe on oaks
In fields, etc.
In fields, etc.
In fields, etc.

Red maple (red.)

Lily, white, large

Pine - Douglas spruce

[illegible]

Wm. L. ...
Incense, ...

1. 1940 1941 1942 1943 1944 1945 1946 1947 1948 1949 1950 1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348

Zeits. Kon. Preuss. 2-3 577-573

Proctor: Johnson Bay field.
Hornbrook, Cal. June 25, 1903
Altitude, 2155 ft. (395-377)

Specimens of *Sp. 1* and *Sp. 2* at station
+ English Sp.

1861

Handwritten: *Handwritten text, possibly a signature or name, partially obscured by a stamp.*

ack. 10/1/1914

1. *Chrysomelidae*
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Rhus toxicaria

Salix nigra

Salix purpurea
var. *purpurea*

Salix purpurea var.
purpurea

Salix purpurea var.
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Salix purpurea var.
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Salix purpurea var.
purpurea

Salix purpurea var.
purpurea

Large-leaf Maple.

Asplenium

Black Oak

Alnus

Myrica

Salix

Populus

Pinus ponderosa

Sambucus

Shasta June 6:10 P.M.

Shasta Relict 2416 ft.

Shasta June 6:10 P.M.

Shasta 1941 ft. 2' 5" S. 7'

Tree

Quercus chrysolepis

Shrub with colored fruit

Layman's stiller

Shrub 1679 ft.

Libocedrus

Pinus ponderosa

Scrub Oak + Black Oak

Ceanothus

Pseudotsuga

Vitis

Glauca willows

Alnus

Large-leaf Maple.

Pteris aquilina

Shrub with colored fruit

Quercus chrysolepis

Fraxinus

White Oak

Corylus

Quercus

Chenopodium (white).

Salix

Populus balsamifera

Manzanita

Aquilegia red.

Ranunculus

Same plants

301 m S. 7.

Kempfer (1st).

Delta 1136 (298-474).

Black Oak smooth bark

Rhino (trifoliate & loose)
" ornamental

Chrysomelids, D. m. & B.

June 26, 1903.

Look 6 A.M. Jerry's S. F.
English Sparrows.

seen a Cormorant showing
white below.

arranged our ports. We
retired from the boat luggage
also. The summer

Left morning of June 30 or early morning July 1. It was directed to be aboard at 10 a.m. Vessel sailed 12 m. July 1, 1903.

Was given pattern for
baggage.

Deposited for record.

Went to Cheyenne. Col. -
called on Chief Sangre, Col.
Kilbourne after registering
and reg. letters to Ady. Genl.

Draw mileage N. P. 6 S. 7. 86 02

about 1 o'clock at N. Colonial
ended on Aph. W. but not in

the radio heard.

Aglyptodonta ustulata

Saw Green Bl. on the

Plenty Quinine

English Oxford

At 11:00 AM, 11/11/11

Since the first of the year 1900.

322nd 3rd 1st

1911: Hermann, Bonn

7000 San Diego

George Washington

1. *Chlorophyll*

Zonitoides punctatus

Guatemala, C. A.

Vireo huttoni.

Passes: 1000000

Anna Humm. & ...

... ..

... ..

... ..

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... ..

... ..

These were captives.
A flock of Geese flew
over the lake & were answered
by those in the lake. They
perhaps live in the lake and
do not exercise.

Geothlypis trichas brachydactyla
(Swainson). Northern Yellow-throat

G. t. occidentalis Brewster
S.W. Cal., Yellow-throat.
S. Dak., Mont.; Idaho & W. Wash.

G. t. arizella Oberholser.
Pacific Yellow-throat.

Wilsonia pusilla puleolata (Pallid.)
Pallid. Warbler. Rocky Mts.

(Hb. Klamath; Tillamook, etc.)

Wilsonia pusilla puleolata
chrysocla Ridgway.

Wilsonia puleolata Warbler.
Pacific coast district (S.F. etc.)

Dendroica aestiva aestiva (Aud.)
in the form of thru through

Dendroica aestiva aestiva (Aud.)
in the form of thru through

$$\begin{array}{r} 6\frac{1}{2} \\ 96\frac{3}{4} \\ \hline 103\frac{1}{4} \end{array}$$

$$\begin{array}{r} 66 \\ 90 \\ \hline 89 \end{array}$$



$$\begin{array}{r} 128 \\ 47 \\ \hline 101 \end{array}$$

99

115m

(Remake Sea-gat pens)
 1/10/1903

One day at 5000 ft. 5:30

... to the shore
 ... for 5 miles
 ... turned along the
 ... California
 ... small
 ... very gentle & very numerous
 They died whenever a wave was
 a head of the water. Heron
 ... Gulls were less
 numerous but common.

July 2, 1903.

High wind from W. & heavy sea.
 A few Albatrosses - Golden-winged
 ...
 Whales spouting

July 3, 1903

Whales ...
 Albatrosses the only birds
 Perhaps ... (2 pairs)
 followed the ship until
 sunset or later. They frequently
 alighted on the water astern.

fed upon garbage. They
were married - 2 or 3 birds were
pairs. When one was seen at
water, usually called over it.
The gulls are quite black,
upper side of body dusky.
They are at least the
same as the more one.
white, and there is considerable
white on upper and
under tail-coverts. The
bill is black. This is the
Black-footed albatross.
(*Diomedea nigripes*).

July 4, 1903.

I saw birds on a storm
morning that I supposed
were Petrels.

As a rule, as 6 Black-footed
albatrosses were seen at one
moment. Some had
the white upper + under
tail-coverts, but had black
bills. The other birds.

July 4, 1903.

Eight albatrosses settled
on the ship's stern. Some
were counted at once.

June 6, 7, + 8, 1903.

Petrels each day.
They have white on
tail.

Black-footed albatross
settled on the ship's deck
following the ship. The
young are large.

Some were seen at
last night. I did
not see any. I saw
as I had the Hawaiian
Islands.

One or two or
Shark Bay, 8 + 1 flying fish.

July 14, 1903.

Many flying birds

One white-breasted, sooty-backed
tern? (1st seen today)

July 12 (13th day of July). —

One (adult) Black-headed
shearwater seen today.

1st time (1st time they began to
fly)

They were steadily increasing in
number.

On the 11th

(there were seen to fly directly
away from the ship) several

that were flying to the southward.

Very dark-bills were seen.

1st day (12th) large numbers

of sooty-backed white-breasted

birds — probably terns — of which

(one) 5 — ship. They were

with us to June 10 — on one

of the deck. We thought of them

or more. Had they become

scarce towards noon and

then disappeared for the day.

No other birds that
were seen since the 11th

Had several days passed

they had been abundant,

though no more than 3 were

seen at once.

One intensely blue.

July 15, 1903.

Many flying birds.

No birds seen today, but

Major — all saw 1, Tern & 2

Petrels.

July 16, 1903.

2 Very large birds

seen. Flying birds

July 17, 1903.

Many flying birds abundant, & much

large — small birds

Phaeton — seen perhaps a

dozen times, usually in

pairs. No other birds.

July 18, 1903.

Phaeton flavirostris. - Two

Black-headed Gull.

Flycatcher. - Several.

July 19, 1903.

Phaeton flavirostris. - Several

Marked animal by a
small bird - perched on tail.

July 20, 1903.

Spotted Gull
no other animal seen.

July 21, 1903

Island of Guam. - Left 5:30

Went ashore at 9 am
and returned 1 P.M.
Got skull of deer.

Leinnyris

1. *Leinnyris* ♂ ad.

153; 235; 77; 59; 18; 22

18. Iris reddish. Bill black.
Feet plumbeous.
Dark, except under surface.

2. *Leinnyris* ♂ ad.
146; 227; 77; 56; 19;
22; 18. Colors same.

3. *Leinnyris* ♂ ad.
135; 205; 72; 51; 16.5;
22; 17.

Bill yellowish at base of
mandible. Feet plumbeous.
Plumbeous, sides of
throat.

23, 1903.
Sooty Terns

1000 - 10000
- perhaps 10000

One (1000) (1000)

July 24, 1903
1 Small Dark Petrel

July 25, 1903.
Left land early in

Small Blue

Get funds.

Mail letters

Call on Col. A. C. Grand.

" Chief Surg. office

Visit Capt. Ahern.

" Manila Museum.

Fry on suit.

See L. M. about luggage

Jan 3.

Jan 1, 1903.

90 Miles.

150 Miles.

Joseph Duerschmidt
Co. E 2 Batt. of Engrs.

Green Searp
2 large mats

Aug. 20, 1903.
Went on hike to capture
the Sultan of Bacayan
named Macabato. I
helped to kill the Sultan's
brother, and took his war
bag, containing, powder, bullets,
balls of brass, poisoned stones
in wooden tubes, Crag shells &
bullet, bolts & other missiles
for use in guns in lieu of
bullets.

Lead - Bu - doong'

05 Kruke 10.10

$$1. \text{Levert} = \frac{1}{2} \text{cm} - \frac{1}{2} \text{cm} = 0 \text{cm}$$

2. "Place" - La-ee

Shrew - 10 in all.

91-1811-1 ✓

1871

- 1919-20-1924 ✓

Under " - Cändeti

Big Black Woodpecker = Bah-la-la-too! K

Small
by P. L.

Golden

Brown Frog = Ga-goo'-soke

Roller = La-sun

Blue Bird = Ma-na-na-reeg

Reed Warbler = Con-tay

Criolus (♀) = Co-lu'-yah

Gray Martin = Poh'-poss

Young Latto = De-ca-ta-no-non
(Sultan de Pantar.)

Ba-co'-a (Brother-in-law
of De-ca-to-no-non.

3) Kind of Root.

2 " Monkeys - one very small

Animal like dog = Ca-boog.

Horned Deer = Päng-a'-shí.

Young Deer - Na-ti.
(P. #1)

Pythion =
Six P

Sick = Suck-uh-sa-Kicht.
Medicine = Bu-lon-i'

Medicine = *Bu-loang*
Doctor = *Min-ang-mal*

Doctor = Ma-ma-mo'-long.
Fishes: "

Fishes:
Bugs - 9

7 Mon-a-lach;

Arro-ahú. White, yellow-green

Ca - sec - l

Bau-lahon.

Lin-dong

Con-diri-uh

Pal-lat'-ta

Toman-ba.

De-cheuch or De-chuh.

Bee-toong-o'

Tomi-Bun'

O-dung'.

O-ga-gung

Big Gray Heron - Bar-augh'-a

Big Duck = Tan-a-poar.

Dendrocygna = Ka-ging'-Kui.

Hallinule. T-r-r nek.

Actitis = Ti-la-long.

Blue Kingfisher - Pak Glass'

Datto Ompatua of Marakui

~~Goongoad~~ - Go-g-sore.

Datto - Pala - goar-nd

Rajah muda of Pantar

Bought Sept. 11, 1903:

1 Spear \$5.00

1 Curved Knife 2.50

1 Woman's Knife 1.00

1 Kris Presented by Sultan
of Goongoad worth \$5.00

Moro War Implements:

Campilan

Kris

Belt Knife or Dirk

Cutting Knife

Clasp Knife

Digging Knife

Spear

Gun or Rifle

Shotgun

Pistol

Belt

money, Sept. 13, 1903

Paper money 33.00

Coin 75

Mexican Pesos 52.35

Lent the mess 5 pesos Sept. 12.

Owe for 2 cases whisky \$20.00

Datto: Ampatua of
Marahui
Pass to see me Sept 14.

Datto: Basanguan of
Pantar.
Pass to see me Sept. 2.

Datto: Lumpo of Titulan
of Pantar.
Pass to see me Sept. 14.

Monkey = Im-mo
Hog = Ba-bu'-e
Deer = Sa-la'-dung
Civet =
Rat = Dooni'-pa
Bat = Ca'-bug
Monkey = U-bd'
Orang a-ting = O-rang-o-tang
Gulo-gulo ~~Prong~~-eat

✓ Spotted Sandpiper

✓ Sample.

✓

✓ *Quercus* 12/10/1917

✓ 2000 ft

✓
✓

✓ yellow

at the gate

✓
✓
✓
✓
✓
✓

✓
✓
✓
✓

✓

✓

blue

✓

✓

190

65

Dear Mrs. Stone

Will you please

send me the little
book for the two
sacred in your
box

Mrs.

518 Carnegie Ave.,
E. Orange, N. J.

Mr. G. H. Wittich

213 S. Court St.,
Circleville, Ohio.

Malsayon

Hicks Gadd
23. 1st St.

and
at the

March 1887
Bank of the

57 Sal. Manchester
3rd Cartridge
W.M.C. Central Ave
W.M.C. Central Ave

Mr. J. M. Merriam
38
San Francisco

Wed. June 26.

1 pair coat

1 B. shirt

1 Corrallo

1 Handkerchief

1 Drawn

2 Corrallo

2 Bk socks

1 Tail Stocking

3 H. Socks

2 pair

3 pair

May 7 Sachs

| | |
|--|----------|
| <i>Scaphi. bairdii</i> | 1 |
| " <i>donovani</i> | 5 |
| <i>Entomias townsendi</i> or <i>humboldtii</i> | 7 |
| <i>Peromyscus</i> | 2 |
| <i>Peromys.</i> | 1 |
| <i>Spermophilus</i> | 2 |
| <i>Stelodactylus</i> | Total 18 |
| <i>Sci. p. latic.</i> | 1 |
| <i>Sci. p. socialis arizonae</i> | 1 |
| <i>Hesperomys poliolata</i> | 3 |
| <i>Citellus eximius archiacus etc</i> | 5 |
| <i>Sci. p. latic. merrilli</i> | 1 |
| | 5 |

1891
Data from [unclear]

Black-H Albatross
Brandt's Cormorant
Massena's [unclear] Bo. [unclear]
Dark Albatross, [unclear]
[unclear] [unclear] [unclear]
[unclear] Albatross
[unclear] Dark [unclear]
[unclear] [unclear]

salvatorius Ridge.
Horned Owl.

Dark [unclear]
[unclear]

Dark [unclear] Brown
Contract [unclear]
[unclear] [unclear]
[unclear] [unclear]

✓ Grilled Swift = ^C Long - 7.50
✓ Martin = Say - 0
✓ Miller = Same or 2.00

W. and B.

2. 1. 1899
... ..
R. Rigundo Bedine
Vols. II.
1900. Govt. of office

Rel. 2572
... ..
... ..
... ..

13437 Plotus ad. Lake
1 Falco

2 Woodpecker, Gray Bill.

3 Merops bicolor ♂ ad.

4 " " ♀ ad

5 " " Swift

6 Red-billed Kingfisher

7 White-headed Chat

8 Spotted Sandpiper

9 " Warbler

10 Hirundo

11 Shrike

12 Wood Swallow (Artamus)

13 Lark (Mirafra) 13438

13 Ardea (white)

14 " " " "

15 " " " "

16 " " " "

17 " " " "

18 " " " " " "

19 " " " " " "

20 " " " " " "

Lanao, Mindanao, P.I., Sept. 27, 1903.

Mataling Falls. Sept. 29, 1903

My Camp No. 7.

"
Oct. 6, 1903

do do

do do

Oct. 7

" do

" do

" do

" do

" do

" do

Zamboanga

Oct. 14, 1903

" "

" "

" "

" "

" "

" "

" "

" "

- | | | |
|----|--------------------------|--------|
| 21 | Parus brown | se ♂ |
| 22 | " Small gray | ♂. |
| 23 | " " | ♀? |
| 24 | Starling | ♂? juv |
| 25 | " " | ♂ juv |
| 26 | | ♂ ad. |
| 27 | Starling | ♂ ad. |
| 28 | Motacilla alba | ♂ ad. |
| 29 | Blue Kingfisher | ♂ ad. |
| 30 | Thrush | ♂ ad. |
| 31 | Yellow-bellied Sapsucker | ♂ ad. |
| 32 | Yellow-bellied Sapsucker | ♀ ad. |
| 33 | Yellow-bellied Sapsucker | ♂ ad. |
| 34 | " " | ♀ ad. |
| 35 | " " | ♀ ad. |
| 36 | " " | ♂ ad. |
| 37 | White-headed " | ♂ ad. |
| 38 | Antthrush | ♀ ad. |
| 39 | " " | ♂ ad. |
| 40 | White-headed Chak | ♂ ad. |
| 41 | " Small gray | ♂ ad. |
| 42 | Yellow-bellied Sapsucker | ♂ ad. |

Zambanga, Mind. P. I. Oct. 14¹⁹⁰³

- [illegible]

Articles purchased from

Major: 3 00 lbs

1 wide 3 50 "

1 Hair (Soon-dong) 4 00 lbs

1 Hair Kite 1 50 lbs

1 Cutting " 30 lbs

1 Spear, hunting 2 00 lbs

1 " , war (Soon-cow) 2 00 "

1 Hair Kite (Soon-cow) 1 10 "

1 - large piece of cloth

1 - 2 00 lbs

1 Hair, war, beat at 5 00 "

1 Hair, mounted by, Subang (Sungang)

1 Camphor

1 Woman's Hair (Kite) 1 00 "

1 Curved Knife (Ha-koo) 2 50 "

Articles purchased from
Major: 3 00 lbs
1 wide 3 50 "
1 Hair (Soon-dong) 4 00 lbs
1 Hair Kite 1 50 lbs
1 Cutting " 30 lbs
1 Spear, hunting 2 00 lbs
1 " , war (Soon-cow) 2 00 "
1 Hair Kite (Soon-cow) 1 10 "
1 - large piece of cloth
1 - 2 00 lbs
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Articles purchased from
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1 wide 3 50 "
1 Hair (Soon-dong) 4 00 lbs
1 Hair Kite 1 50 lbs
1 Cutting " 30 lbs
1 Spear, hunting 2 00 lbs
1 " , war (Soon-cow) 2 00 "
1 Hair Kite (Soon-cow) 1 10 "
1 - large piece of cloth
1 - 2 00 lbs
1 Hair, war, beat at 5 00 "
1 Hair, mounted by, Subang (Sungang)
1 Camphor
1 Woman's Hair (Kite) 1 00 "
1 Curved Knife (Ha-koo) 2 50 "

Bertha Schmitt

- ✓ Curlew - 3000.
- ✓ Green Heron - About 60
- ✓ Great Egret - 25
- ✓ Sandpiper - 100
- ✓ Scaup - 100
- ✓ White Heron - 100
- ✓ Kingbird - 100
- ✓ Cowbird - 100
- ✓ Crows - 100
- ✓ Starlings - 100
- ✓ Robins - 100
- ✓ Mockers - 100
- ✓ Jays - 100
- ✓ Grackles - 100
- ✓ Chipping Sparrows - 100
- ✓ House Wrens - 100
- ✓ Goldfinches - 100
- ✓ Starlings - 100
- ✓ Robins - 100
- ✓ Mockers - 100
- ✓ Jays - 100
- ✓ Grackles - 100
- ✓ Chipping Sparrows - 100
- ✓ House Wrens - 100
- ✓ Goldfinches - 100

Being a great Miami

- [illegible]

in (looks) to dusk, roosting
in coarse grass on
edge of the Grande
river mouth. *Alcedo*
✓ *Chalcophaps* (white)
rapid winging, etc.
when perched on a post
a thickly wooded hill. They
appeared larger than at other

Birds seen at Malabang

Mati, Mindanao, Oct 23.

✓ A. Woodhouse of Socorro
✓ A. Woodhouse of Socorro

✓ A. Woodhouse of Socorro
✓ A. Woodhouse of Socorro

✓ A. Woodhouse of Socorro

✓ A. Woodhouse of Socorro

✓ A. Woodhouse of Socorro

✓ A. Woodhouse of Socorro

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✓ A. Woodhouse of Socorro

✓ A. Woodhouse of Socorro

✓ A. Woodhouse of Socorro

[Faint handwritten notes at the bottom of the page]

g

77 Green Jay: ♂ ad

78 Stone Curlew ♂ ad

79 Golden Plover ♂ ad

80 " " ♂ ad

81 Chewink-tail ♂ ad

82 Tanager ♂ ad

83 Little Green King
Makge, Mindanao

84 White-headed Plover ♂ ad

85 Tanager - smallest sp.

86 " " ♂ ad

87 " " ♂ ad

88 " " ♂ ad

89 " " ♂ ad

90 Green Jay ♂ ad

91 " " ♂ ad

92 " " ♂ ad

(continued under Green Jay)

Oct. 25, 1903. ^{5 pm}
Had just deposited my notes

Oct. 26, 1903

Had just deposited my notes

Rhipidura nigritorquis.

fisher ♂ ad

Oct. 26, 1903.

♂ ad

♂ ad

♀ ad

♀ ad

♂ ad

♂ ad

♂ ad

♂ ad

♂ ad

♂ ad

} Gen slightly in doubt.

Oct. 26, 1903.

different. No yellow cere greenish
yellow. Plumage. Plumage. Plumage.
different. No yellow cere greenish
yellow. Plumage. Plumage. Plumage.

Maliyam, etc.

- ✓ Yellow-brown
- Pigeon. In a deep canyon
- the guttural, singing in
- was heard in the top of
- tall trees. I fired at a
- tree top 150 ft. high & killed
- one whose brother would
- many berries the same
- red bean of was heard.
- ✓ Crow
- ✓ Spotted Sandpiper
- ✓ White-headed Chat
- ✓ Ring-necked Dove
- ✓ Bird with white "Cuckoo" call.

Oct. 26, Makar

- ✓ Green-cop - Flock of
- ✓ Ring-necked Dove, large,
- one pair.
- ✓ Ring-necked Dove.
- ✓ White-headed Chat
- ✓ White-headed Chat
- ✓ Blue & White
- ✓ Little Blue-crown " - 2
- ✓ Brown & White Sparrow
- ✓ Starling
- ✓ Crow
- ✓ Large Pheasant
- ✓ Bird with big bulky head.
- ✓ Gray & White Shrike
- ✓ Golden Plover
- ✓ Least Sandpiper.
- ✓ Big Ring Plover
- ✓ Little Ring Plover
- ✓ Pale " " without
- chest band.

- ✓ Luv one
- ✓ Fringa Leige
- ✓ Anous - 1
- ✓ Small White Throat
- ✓ Little Brown Shrike
- ✓ Blue Rock Thrush.
- ✓ Red Grouse - 5-6
- ✓ Grey Heron - One.
- ✓ Bittern
- ✓ White-headed Chat.

- Santa, Saran - Oct. 26, 1903
 = Java Bay,
 - One.
- ✓ Abundant
 - ✓ Large Sparrow
 - ✓ Little Sparrow
 - ✓ Big Sparrow
 - ✓ Fringilla
 - ✓ Green Heron
 - ✓ Turnstone
 - ✓ Large Sparrow
 - ✓ White-headed Hawk
 - ✓ White Kingfisher
 - ✓ Malacca
 - ✓ Java Sparrow
 - ✓ Brown Java Sparrow
 - ✓ Rancor

June 1763

- ✓ General Wood
- ✓ King Plover (like)
- ✓ Butorides
- ✓ Golden Plover
- ✓ Crying Bird
- ✓ White Plover
- about the Plover
- ✓ White headed Hawk
- carried away the bird
- mate shared it
- ✓ Stearling
- ✓ 15 birds
- ✓ 15 birds

Oct 26, 1763.

2 species of
 ...
 ...
 ...

15 & flock of 3

came to the ship. Plover
 ...
 ...

Oct 26, 1763

